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NANDISH ASSOCIATES

ARCHITECTS AND ENGINEERING CONSULTANTS

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REF:

DATE :

BRUHATH BANGALORE MAHANAGARA PALIKE

CONSTRUCTION OF BUILDING AND DEVELOPMENT OF GOVT.SCHOOL AND IMPROVEMENTS IN SCHOOL PREMISES AT JALAHALLI VILLAGE IN WARD NO.16

ABSTRACT OF ESTIMATE

Sl .N	DESCRIPTION OF WORK	Amount in Rs.
1	Civil Works - BLOCK A- Class rooms	
a	Dismantling	400000.00
b	Ground Floor	9615000.00
		10015000.00
2	Civil Works - BLOCK B - Nursery	
a	Dismantling	90000.00
b	Ground Floor	3225000.00
c	First Floor	2150000.00
d	Terrace Floor	555000.00
		6020000.00
	TOTAL A + B BLOCK	**16035000.00**
	Provisional Items	
3	PHE @ 10%	1603500.00
4	Electrical @ 10%	1603500.00
		19242000.00
5	DPR CHARGES @ 1.5%	300000.00
6	PMC CHARGES @ 2%	384840.00
7	Miscelleneous	73160.00
	GRAND TOTAL	**20000000.00**

Administrative approved for Rs. 200,00,000.00
Rs. Two Hundred Lakhs only/-
is accorded
under the head P3089
By E.E.(P), R.R.N S/No-48, Pg No-22
Registered as EE(P), R.R.N No. 48 subject
to conditions contained in enclosed memo
No. As/48/2015-16 Date 23-06-2016.

for NANDISH ASSOCIATES

(K C NANDISH)

Assistant Engineer
Proiject R.R.Nagar

Executive Engineer
Project Division
R.R.Nagar Zone

TECHNICAL SANCTION

Rs: 200.00 (Two Crore Only)
is accorded
under the head
Asst Executive Engineer
Project R.R.Nagar P-3089
By CE(R.R.N.): SL NO- 104/1
13nos 24-25
Registered as CE (R.R.N) No 24-25 subject
to conditions contained in enclosed memo
No: TS/104/16-17 Date: 28/6/16

TA/

CE (R.R.N.)

BRUHAT BANGALORE MAHANAGARA PAILKE

CONSTRUCTION OF BUILDING AND DEVELOPMENT OF GOVT.SCHOOL AND IMPROVEMENTS IN SCHOOL PREMISES AT JALAHALLI VILLAGE IN WARD NO.16

BASED ON SR-2015-2016

GROUND FLOOR - BLOCK A

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
1	Earth work in excavation of foundation of structures as per drawingand technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom, backfilling the excavation earth to the extent required and utilising the remaining earth locally for the work-in,**Ordinary/Hard soil-Mechanical** Means (Depth upto 3 m)								
	S.R Page no 7, item no 2.23.1								
	Grid A C1	4	1.80	2.10	1.80	27.22			
	Grid B C1	1	1.80	2.10	1.80	6.80			
	Grid C C1	2	1.80	2.10	1.80	13.61			
	Grid D C2	2	1.80	2.10	1.80	13.61			
	Grid E C1	2	1.80	2.10	1.80	13.61			
	Grid F C2	2	1.80	2.10	1.80	13.61			
	Grid G C1	1	1.80	2.10	1.80	6.80			
	Grid H C2	2	1.80	2.10	1.80	13.61			
	Grid I C1	3	1.80	2.10	1.80	20.41			
	Grid J C1	3	1.80	2.10	1.80	20.41			
	Grid K C1	3	1.80	2.10	1.80	20.41			
	Grid L C1	3	1.80	2.10	1.80	20.41			
	Grid M C1	3	1.80	2.10	1.80	20.41			
	Gried NC1	3	1.80	2.10	1.80	20.41			
	Grid O C1	3	1.80	2.10	1.80	20.41			
	Grid P C1	3	1.80	2.10	1.80	20.41			
	Grid Q C1	3	1.80	2.10	1.80	20.41			
	Grid R C1	3	1.80	2.10	1.80	20.41			
	Corridor	10	1.50	1.50	1.50	33.75			
						346.73	Cumt	47.70	16539.21
	Basic Rate:	45.00							
	Area Weightage @ 6%	2.70							
	Total	47.70							
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in **ordinary soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.								
	S.R Page no 5, item no 2.3								
	For Walls								
	Corridor	1	84.60	0.75	0.75	47.59			
		1	10.92	0.75	0.75	6.14			
		1	87.25	0.75	0.75	49.08			
	Ramp	1	11.20	0.75	0.75	6.30			
		1	16.30	0.30	0.45	2.20			
						111.31	Cumt	188.68	21001.71
	Basic Rate:	178.00							
	Area Weightage @ 6%	10.68							
	Total	188.68							
3	Filling available excavated earth (excluding rock) insides of foundations upto plinth in layers not exceeding 20cms. In depth, compacting each deposited layer by ramming after watering with a lead upto 50m. And lift upto 1.5m including cost of all labour (Inside platrform , sides and sides of the area)								
	S.R.page 6 Item 2.10								

S.N	DESCRIPTION OF WORK	N	L	B	D	QTY	UNIT	RATE	AMOUNT
	50% on qty vide S.No.1								
						229.02	Cumt	127.20	29131.34
	Basic Rate:	120.00							
	Area Weightage @ 6%	7.20							
	Total	127.20							
4	Providing and laying in position plain cement concrete of mix **1:3:6** with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregate @ 0.892cum and fine aggregates @ 0.465cum machine mixed, machinemixed, concrete laid in layers not exceeding 15 cms, thick well compacted in foundation and plinth, cost of all materials, labour HOM of machinery, curing complete as per specifications.								
	S.R Page no 12, item no 4.2								
	Grid A C1	4	1.80	2.10	0.15	2.27			
	Grid B C1	1	1.80	2.10	0.15	0.57			
	Grid C C1	2	1.80	2.10	0.15	1.13			
	Grid D C2	2	1.80	2.10	0.15	1.13			
	Grid E C1	2	1.80	2.10	0.15	1.13			
	Grid F C2	2	1.80	2.10	0.15	1.13			
	Grid G C1	1	1.80	2.10	0.15	0.57			
	Grid H C2	2	1.80	2.10	0.15	1.13			
	Grid I C1	3	1.80	2.10	0.15	1.70			
	Grid J C1	3	1.80	2.10	0.15	1.70			
	Grid K C1	3	1.80	2.10	0.15	1.70			
	Grid L C1	3	1.80	2.10	0.15	1.70			
	Grid M C1	3	1.80	2.10	0.15	1.70			
	Gried NC1	3	1.80	2.10	0.15	1.70			
	Grid O C1	3	1.80	2.10	0.15	1.70			
	Grid P C1	3	1.80	2.10	0.15	1.70			
	Grid Q C1	3	1.80	2.10	0.15	1.70			
	Grid R C1	3	1.80	2.10	0.15	1.70			
	Corridor	10	1.50	1.50	0.15	3.38			
	Corridor	1	84.60	0.75	0.10	6.35			
		1	10.92	0.75	0.10	0.82			
		1	87.25	0.75	0.10	6.54			
	Ramp	1	11.20	0.75	0.10	0.84			
		1	16.30	2.00	0.15	4.89			
	Entrance	1	10.25	5.60	0.10	5.74			
		1	1.75	1.50	0.10	0.26			
	Stair	1	8.25	2.00	0.10	1.65			
		1	3.00	7.10	0.10	2.13			
	Corridor	1	63.97	2.00	0.10	12.79			
	Office	1	8.00	5.00	0.10	4.00			
	Toilet	2	1.50	2.00	0.10	0.60			
		1	3.20	1.30	0.10	0.42			
		1	1.50	3.50	0.10	0.53			
	Class room	4	7.00	8.60	0.10	24.08			
	Sand Pit	2	7.00	8.60	0.10	12.04			
	Kitchen	1	7.00	8.60	0.10	6.02			
	G.Toilet	1	7.00	8.60	0.10	6.02			
	L.Toilet	1	2.00	2.00	0.10	0.40			
		1	7.85	6.40	0.10	5.02			
		1	4.45	2.20	0.10	0.98			
	Landing	2	2.00	2.20	0.10	0.88			
	Waist Slab	2	2.30	2.00	0.10	0.92			
		1	4.85	2.00	0.10	0.97			
						134.35	Cumt	5139.94	690526.52
	Basic Rate:	4849.00							
	Area Weightage @ 6%	290.94							
	Total	5139.94							